

**DEVICE DETECTION AND SERVICE DISCOVERY
SYSTEM AND METHOD
FOR A MOBILE AD HOC COMMUNICATIONS NETWORK**

ABSTRACT

5 A computer system, method, and computer program product for performing device
detection and service discovery in a mobile ad hoc communications network. The method
comprises conducting an inquiry of the mobile ad hoc communications network to discover
nearby devices. If the inquiry indicates that the nearby devices may include a middleware layer,
the method further comprises creating a connection to each of the nearby devices and confirming
10 whether each of the nearby devices include the middleware layer. For each of the nearby devices
that include the middleware layer, the method further comprises executing the middleware layer
to perform application and service discovery, and to launch applications and services.